

Program EVALPLOT
(Version 2018-1)

by

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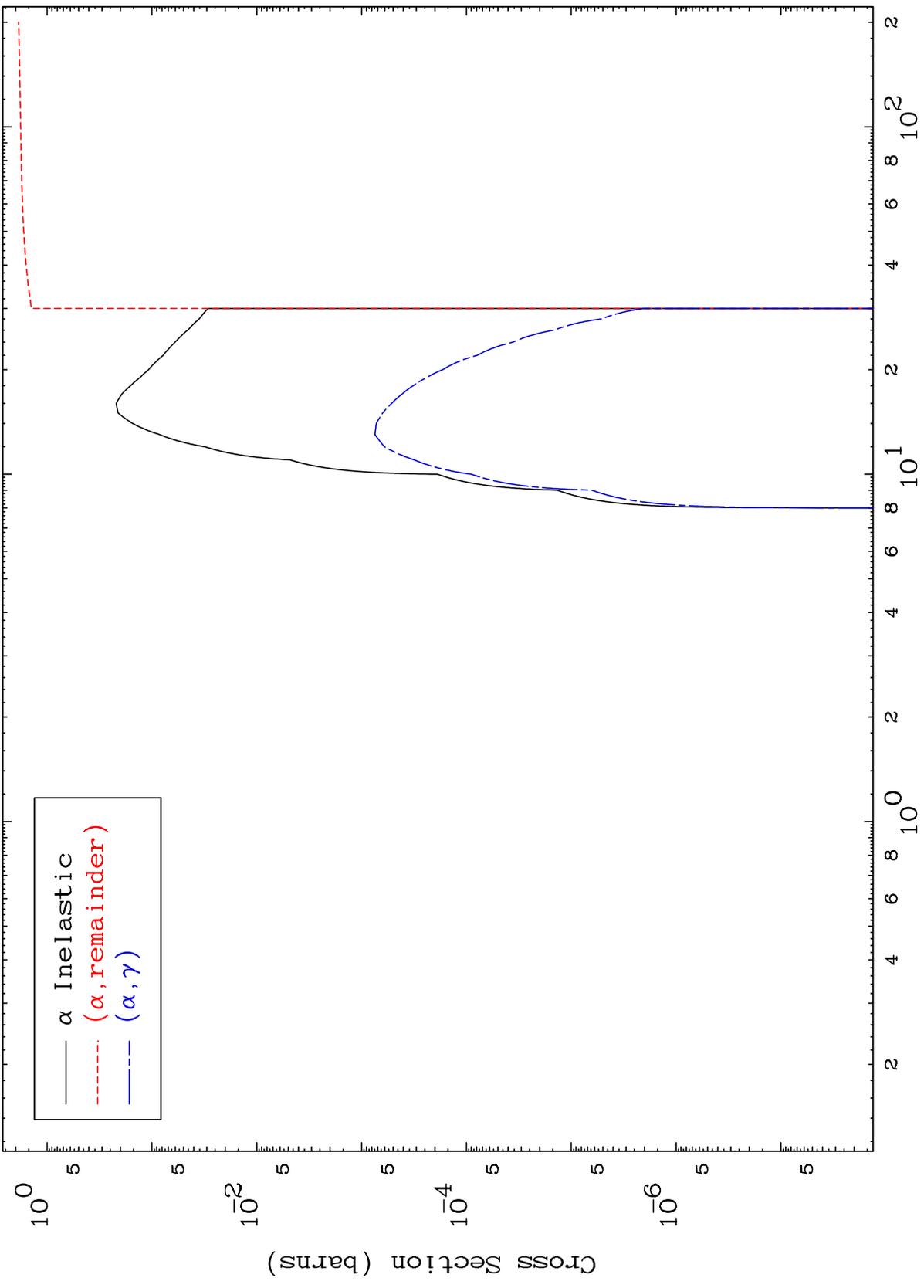
Press Mouse Button to Start

MAT 3914

α Major

39-Y -85

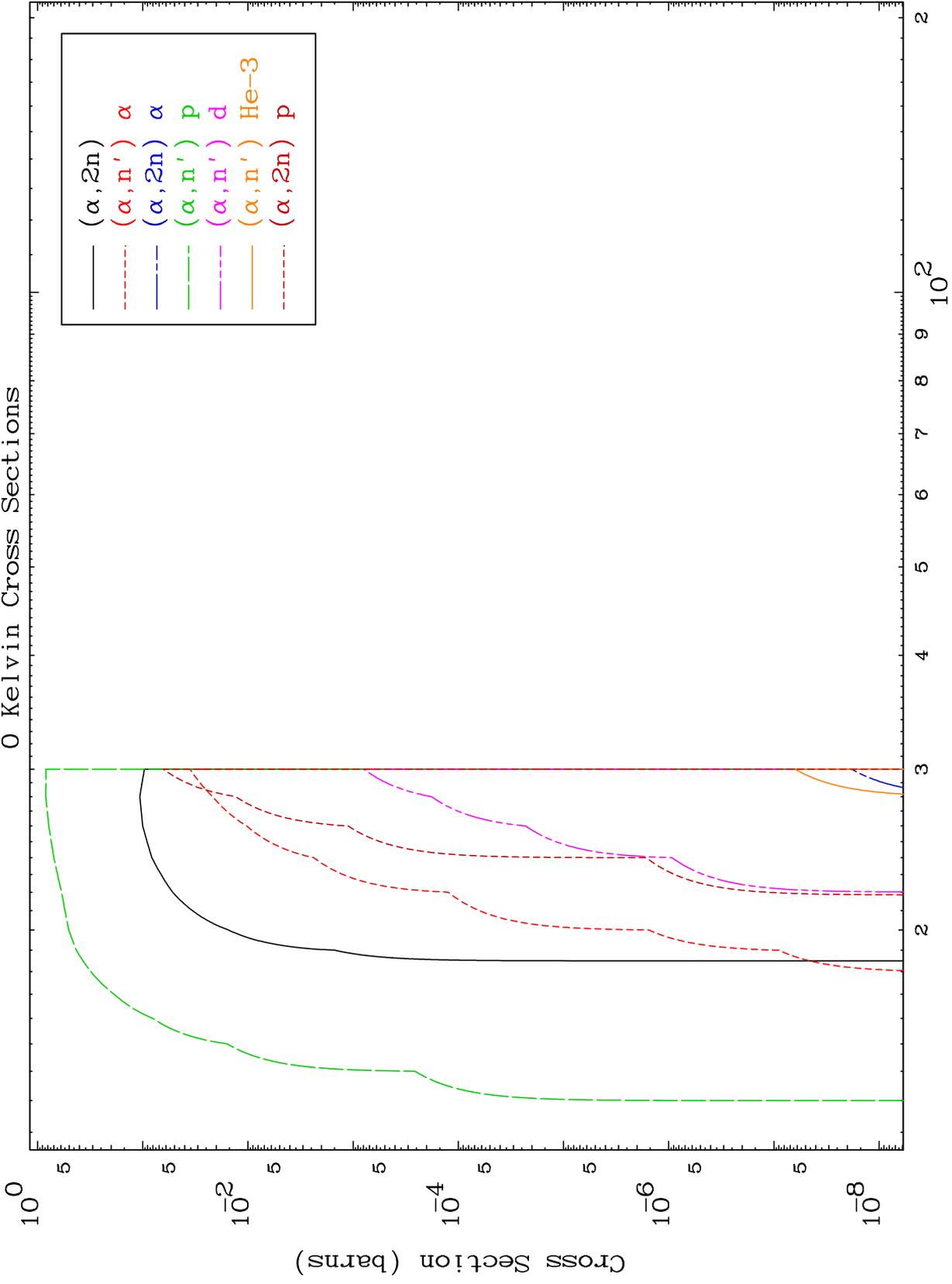
0 Kelvin Cross Sections



MAT 3914

α Neutron Production
0 Kelvin Cross Sections

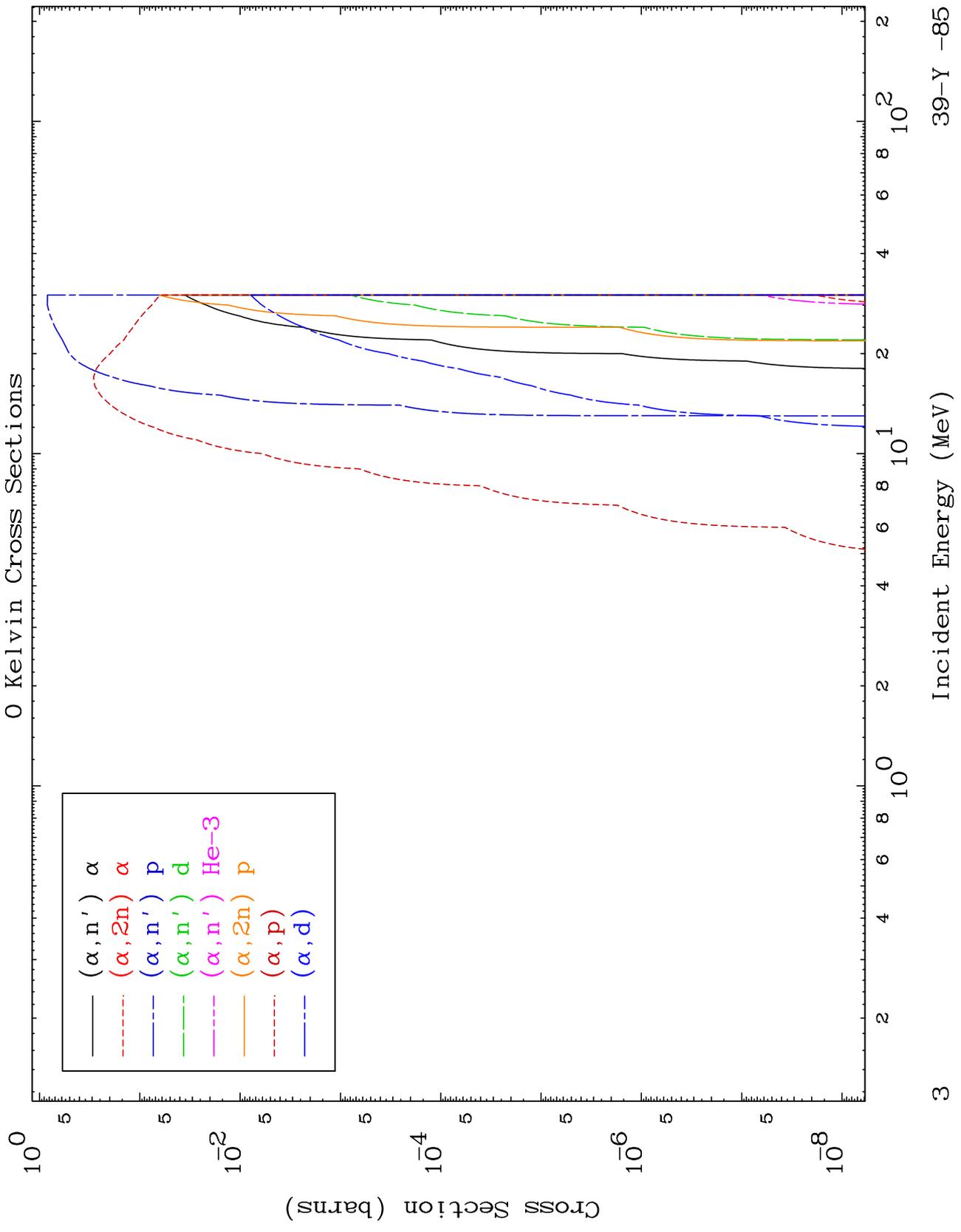
39-Y -85

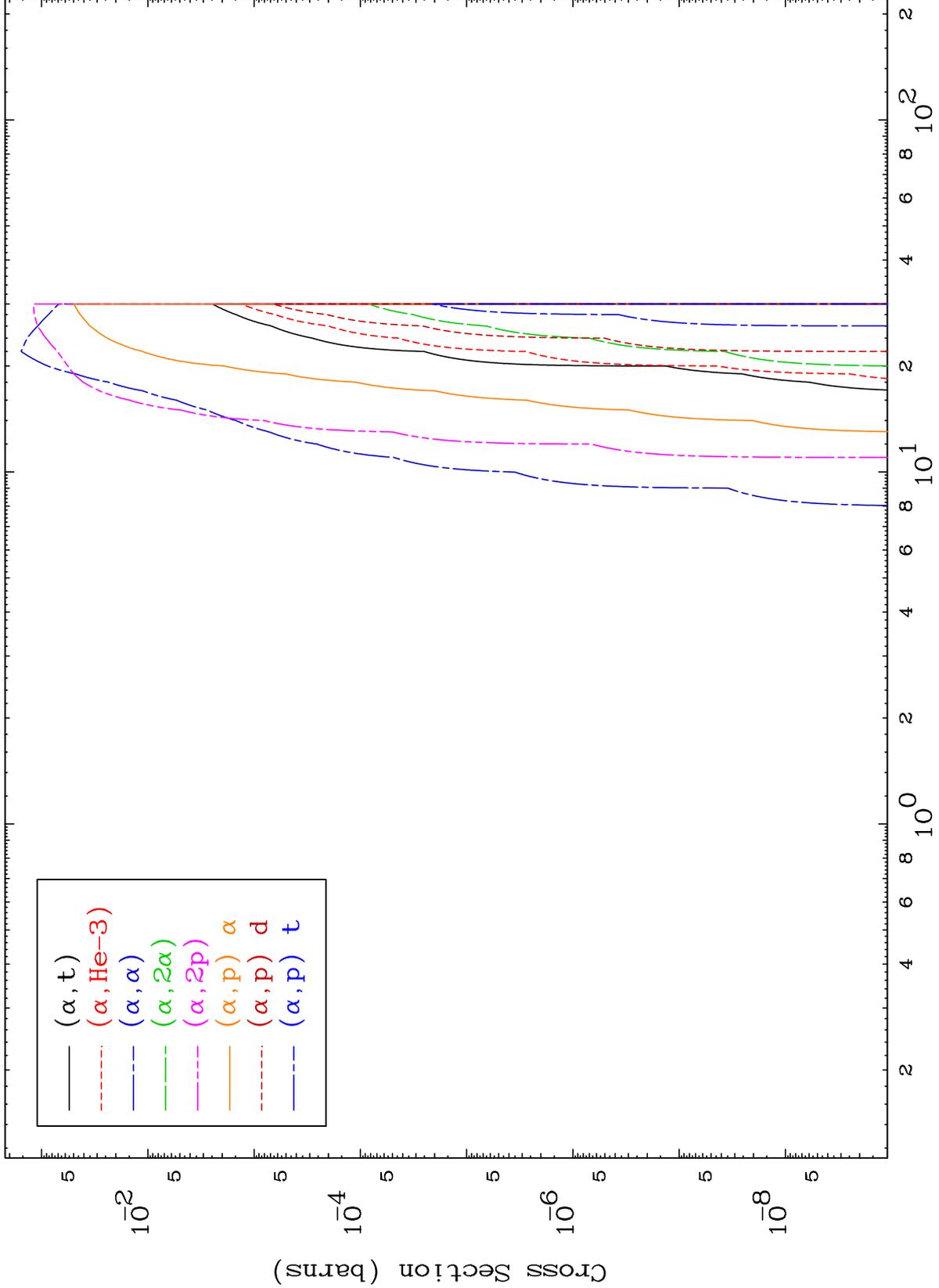


2

Incident Energy (MeV)

39-Y -85



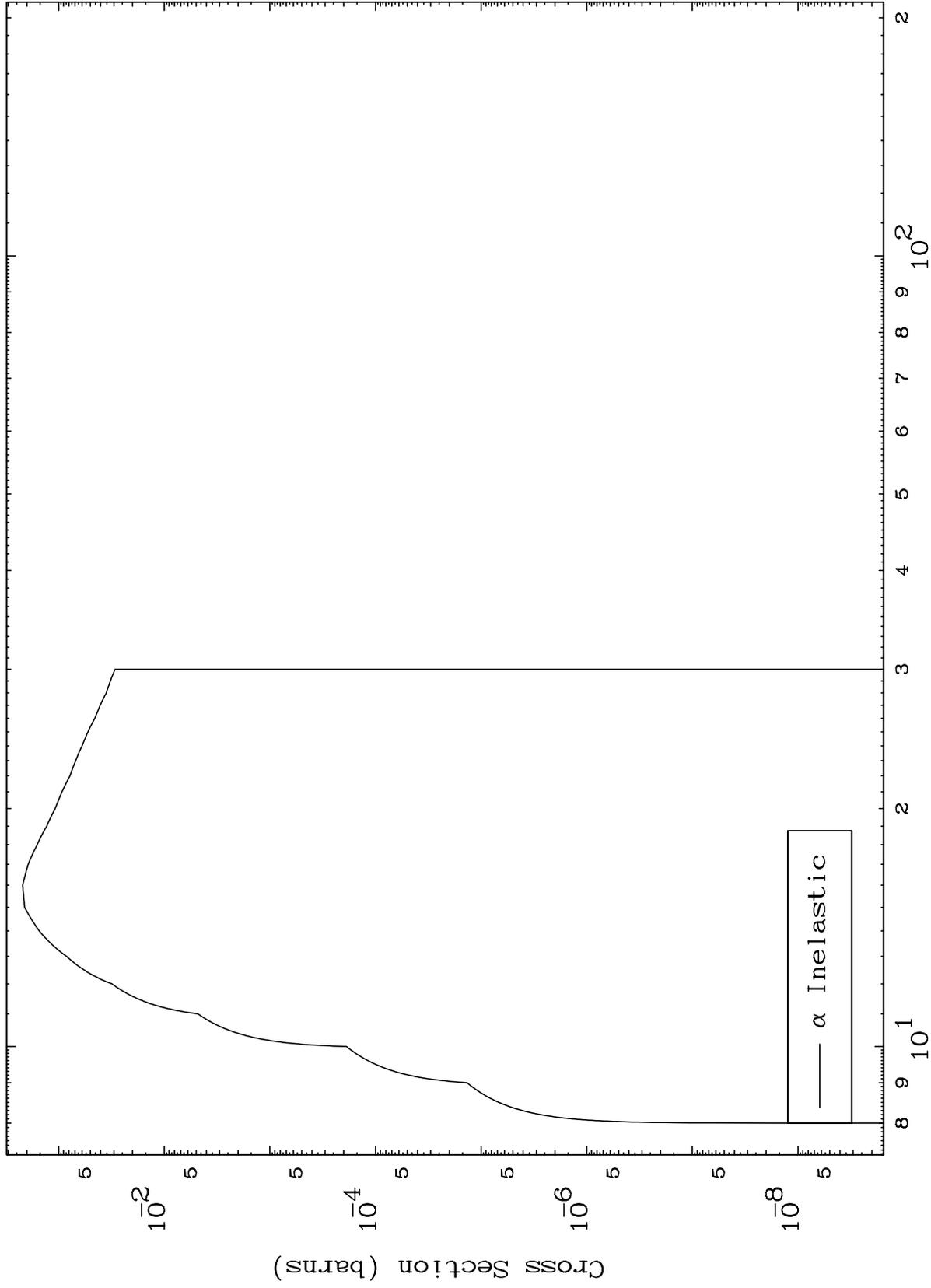


MAT 3914

(α, n') Level

39-Y -85

0 Kelvin Cross Sections

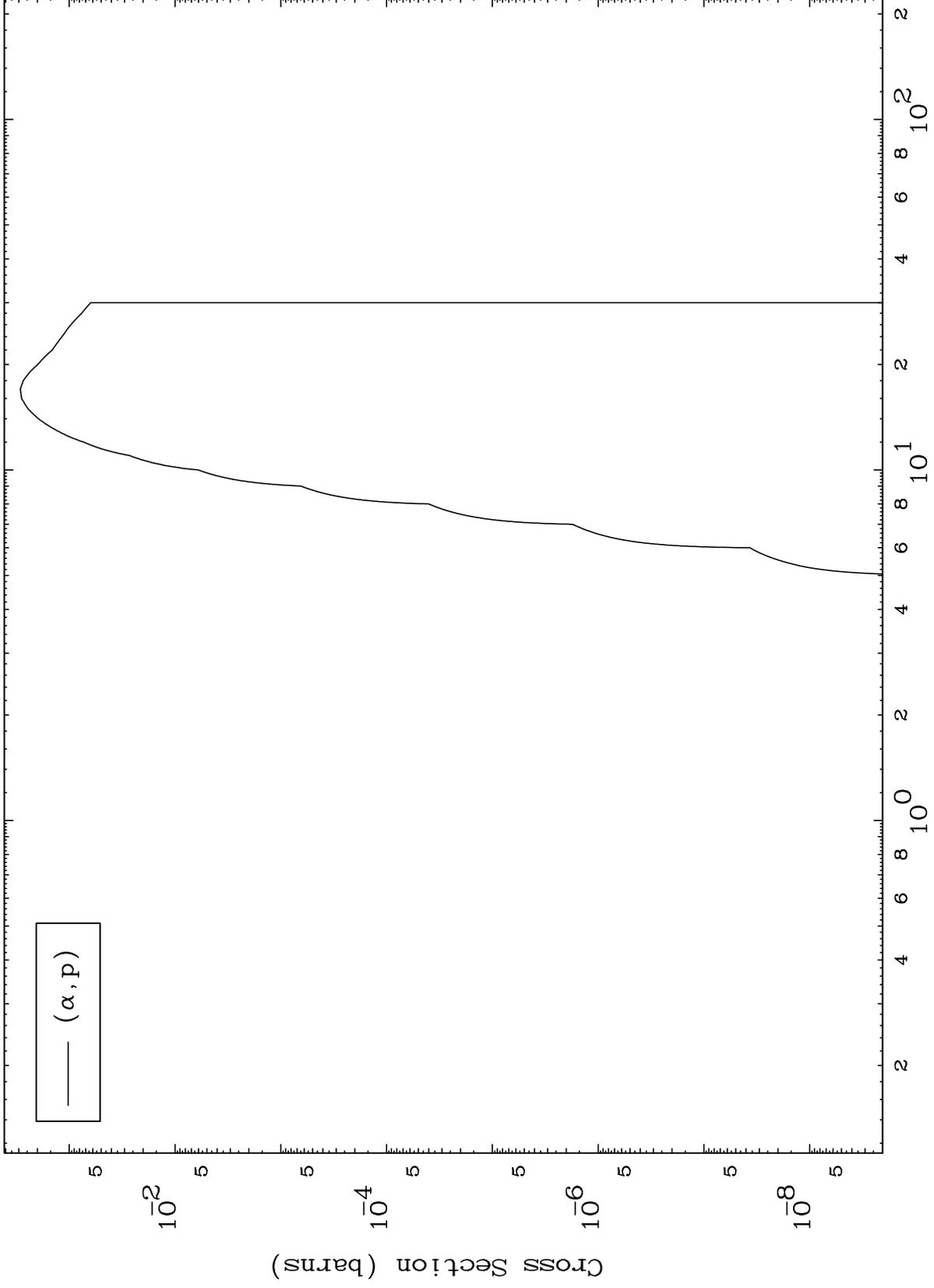


5

Incident Energy (MeV)

39-Y -85

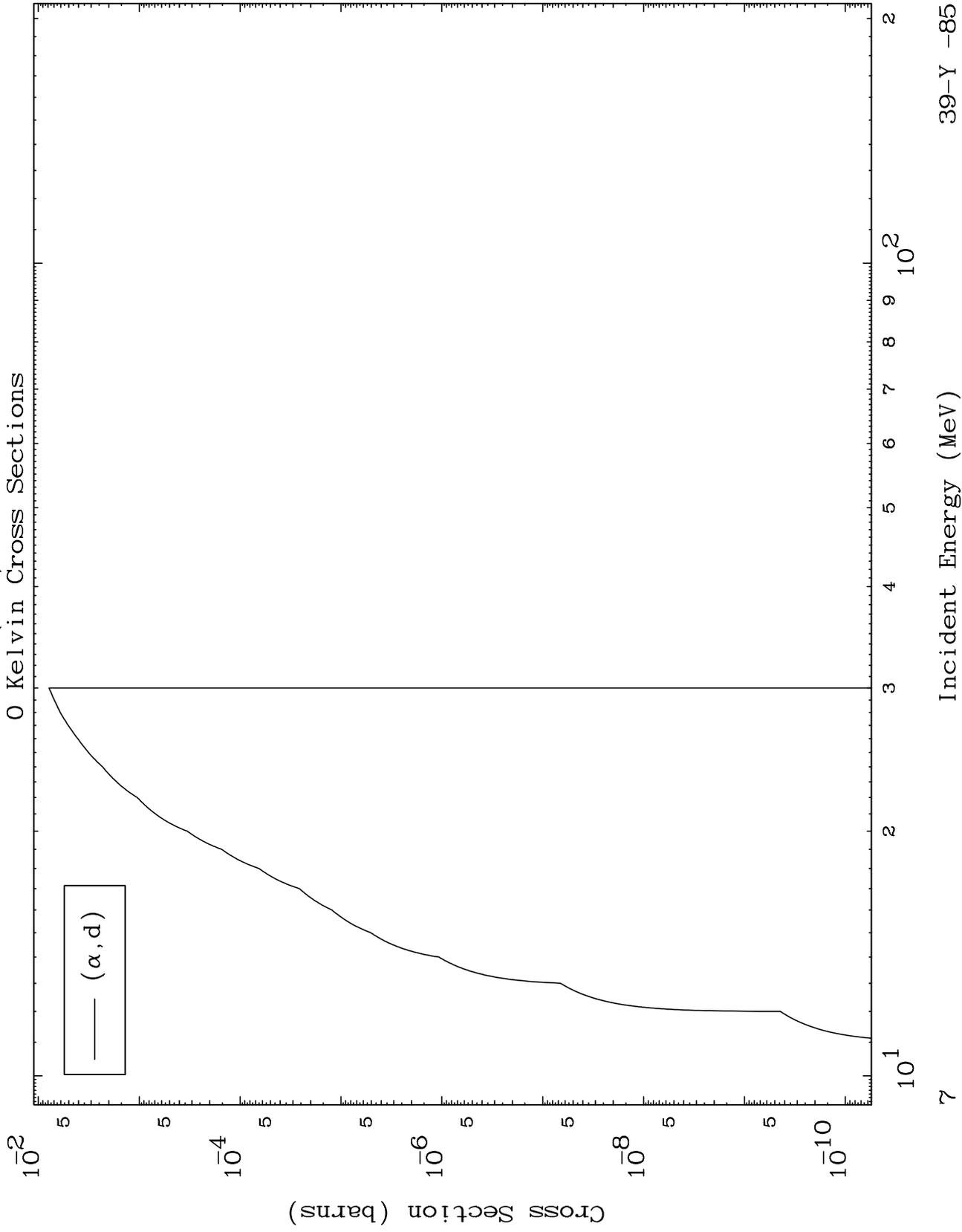
0 Kelvin Cross Sections

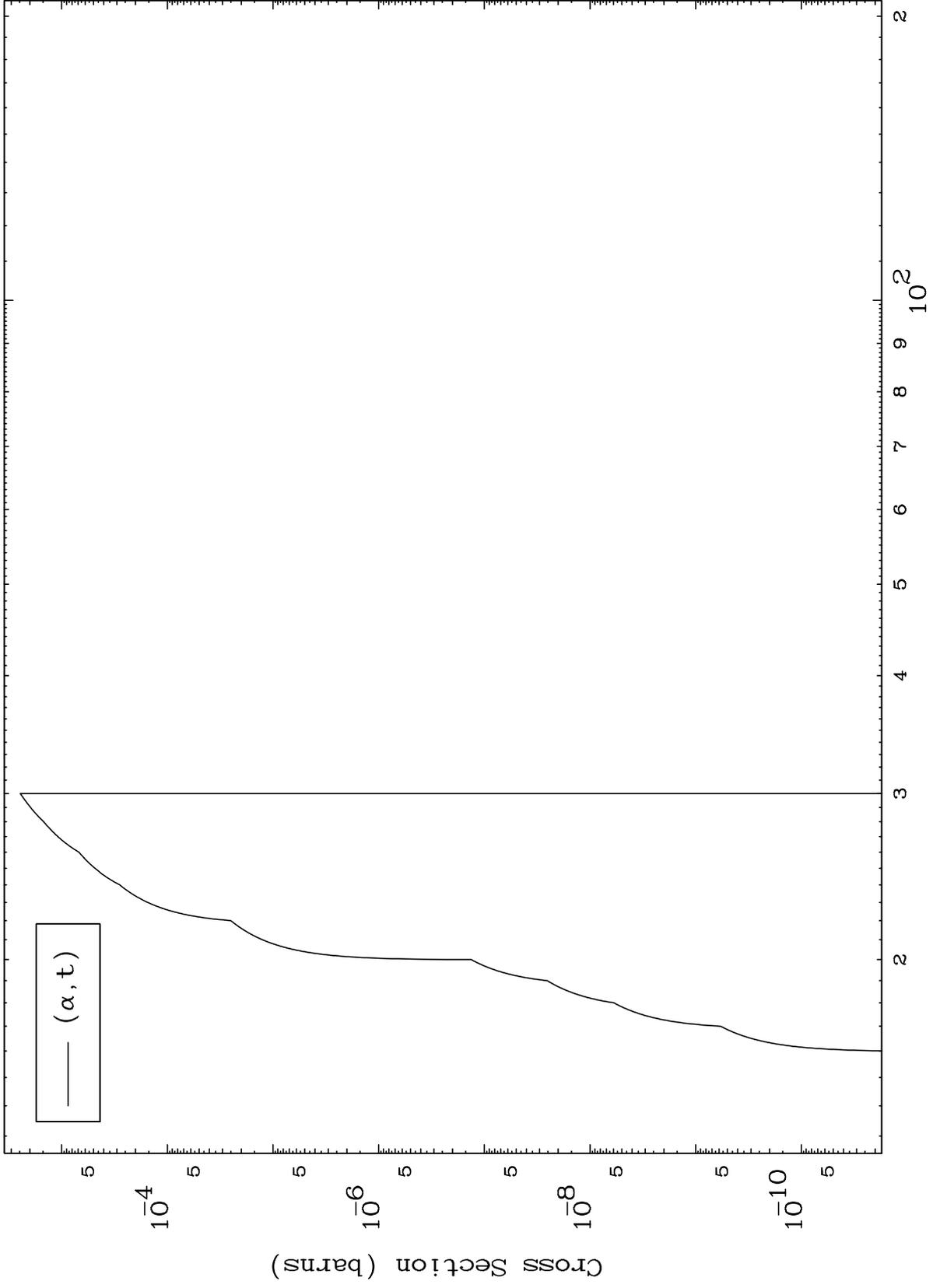


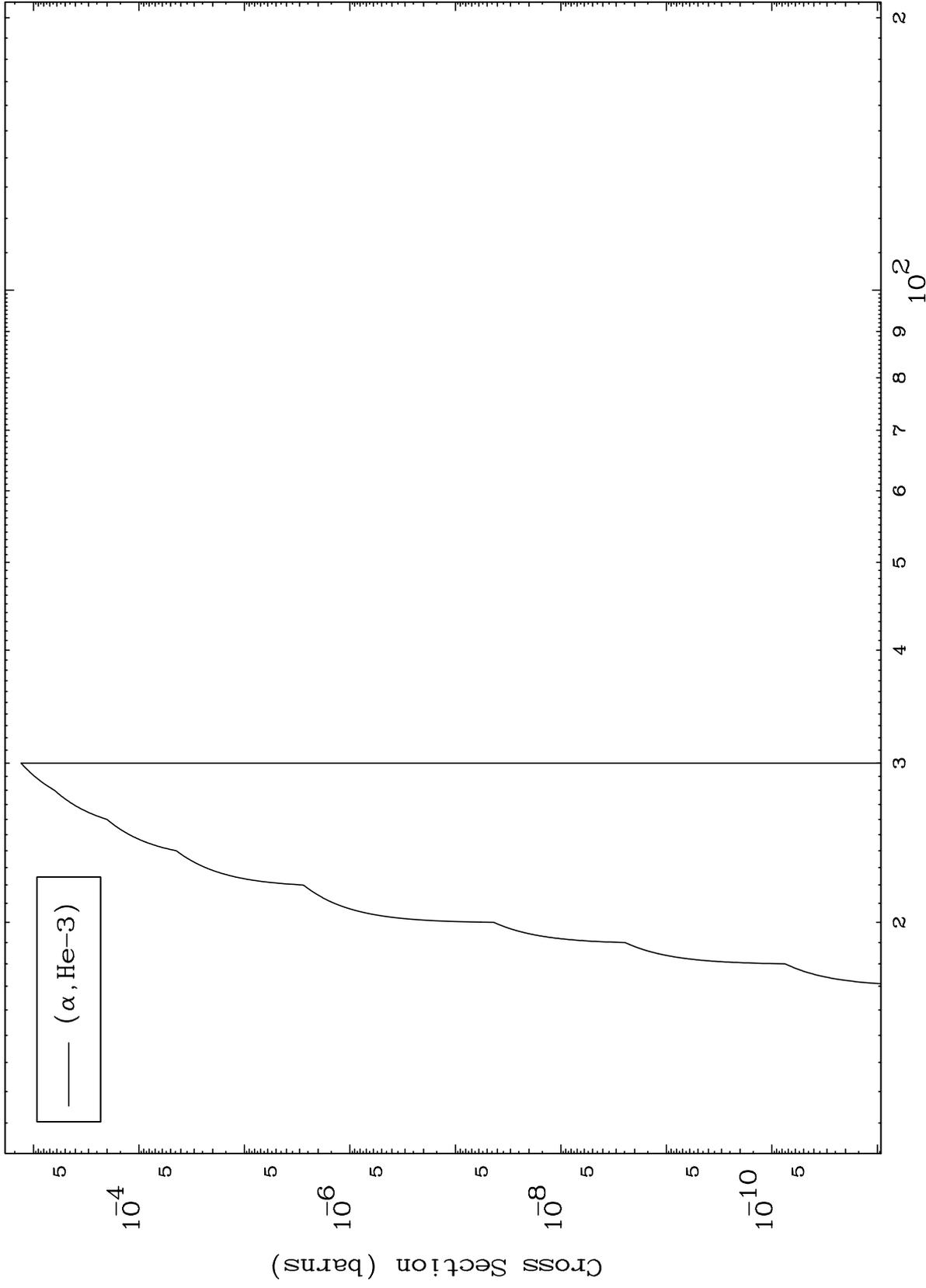
MAT 3914

(α, d) Levels

39-Y -85





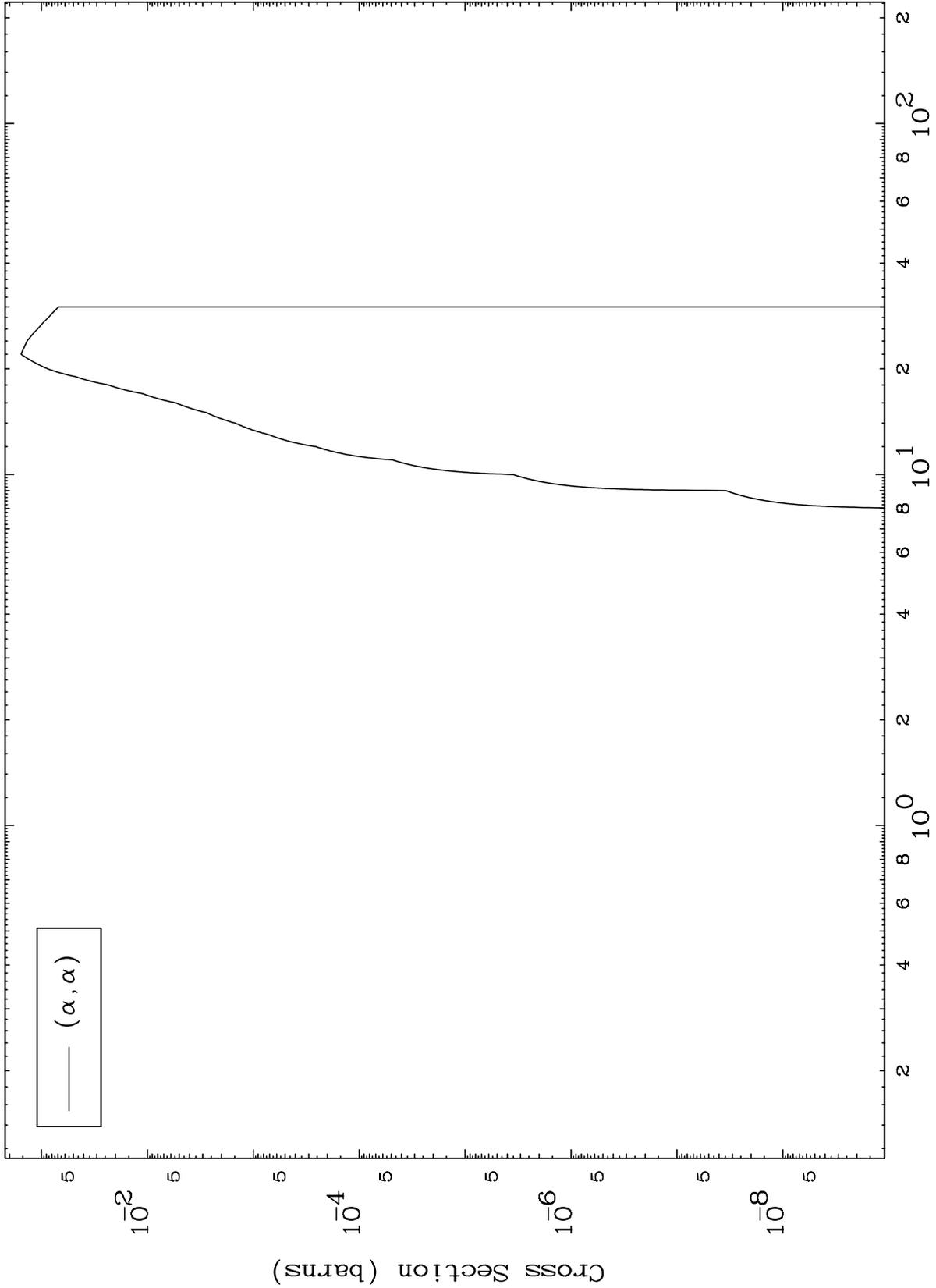


MAT 3914

(α, α) Levels

39-Y -85

0 Kelvin Cross Sections

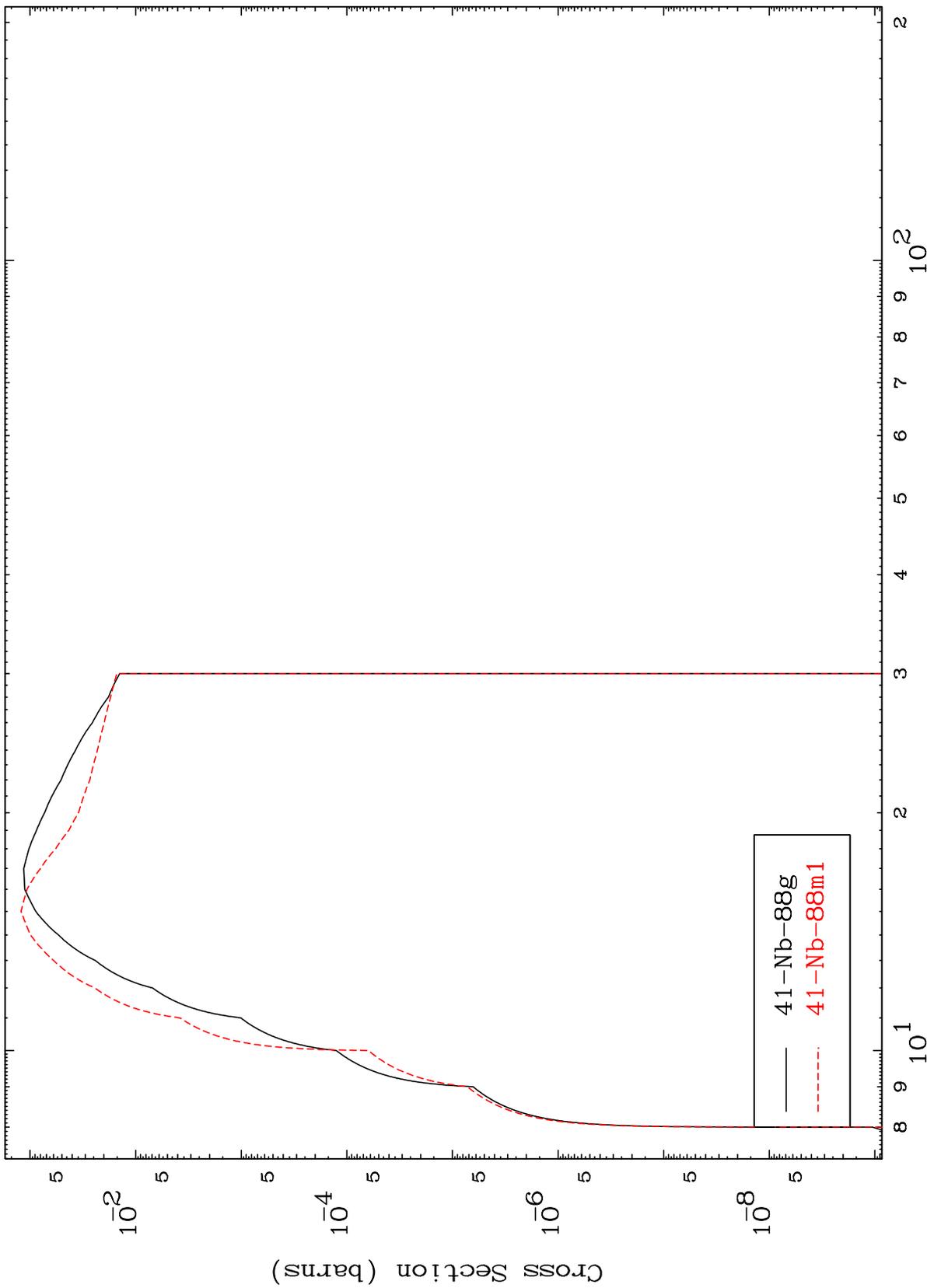


10

Incident Energy (MeV)

39-Y -85

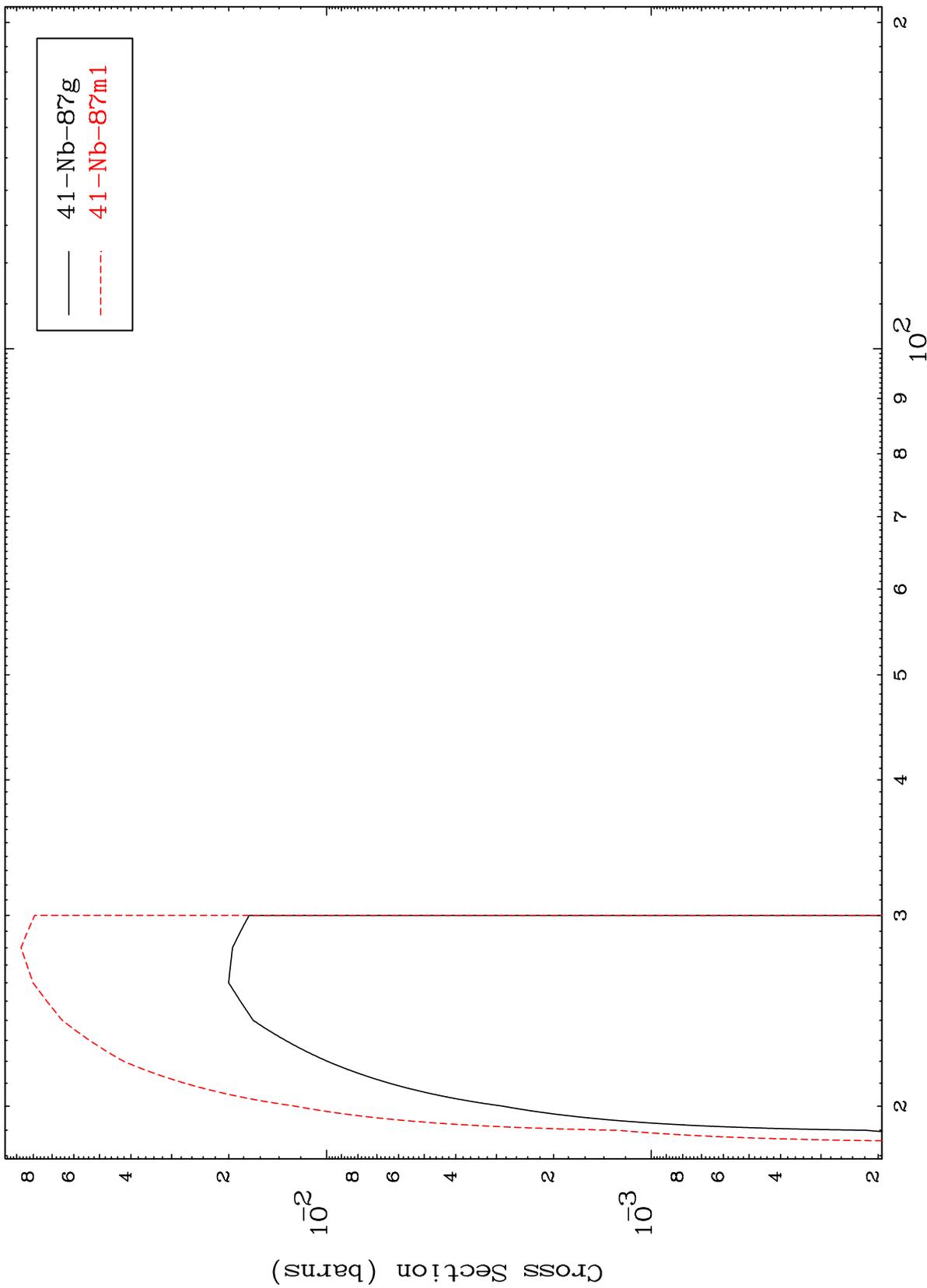
Radionuclide Production Cross Section
 α Inelastic



MAT 3914

39-Y -85

$(\alpha, 2n)$
Radionuclide Production Cross Section



— 41-Nb-87g
- - - 41-Nb-87m1

12

Incident Energy (MeV)

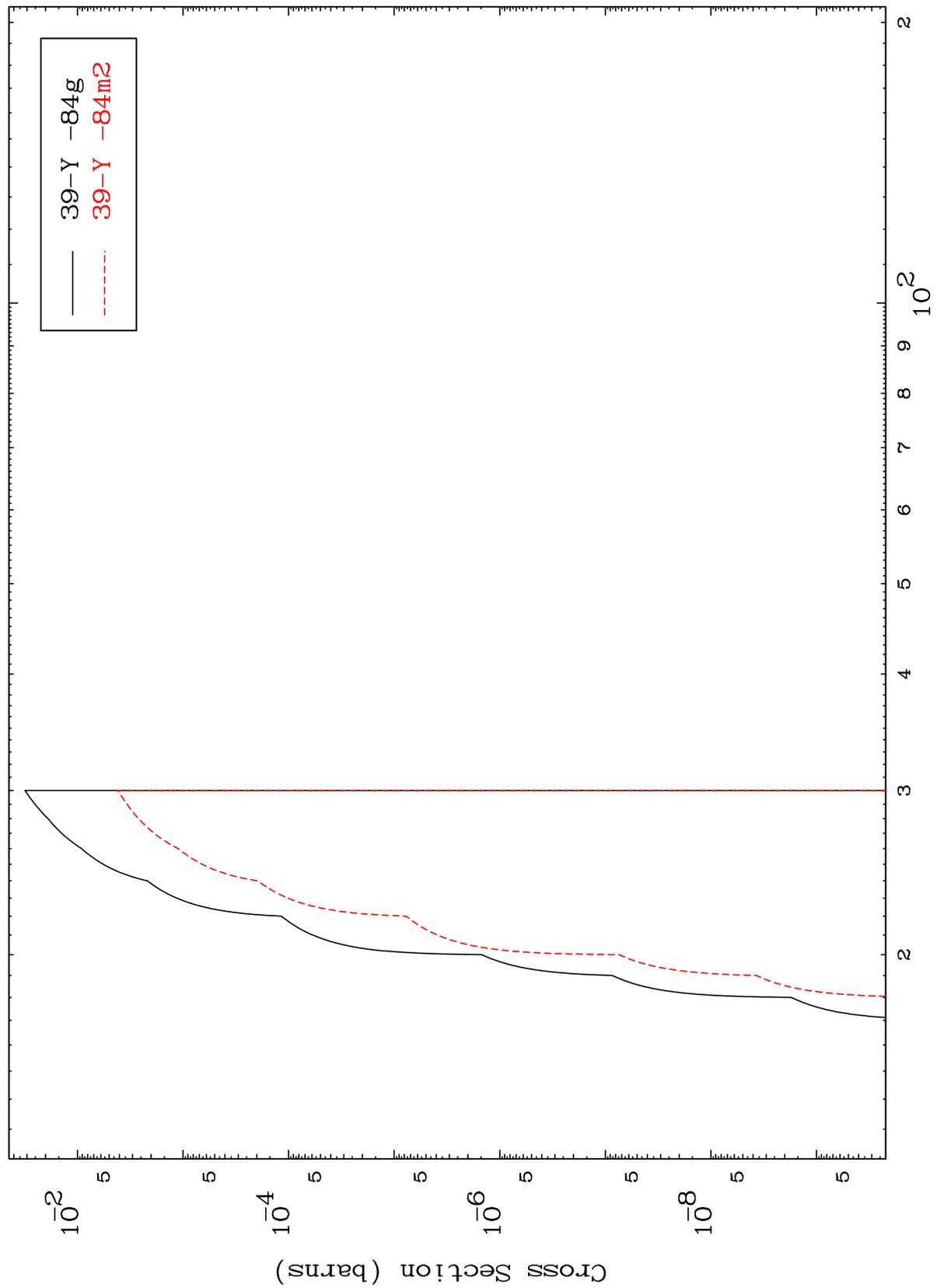
39-Y -85

MAT 3914

(α, n') α

39-Y -85

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

13

Incident Energy (MeV)

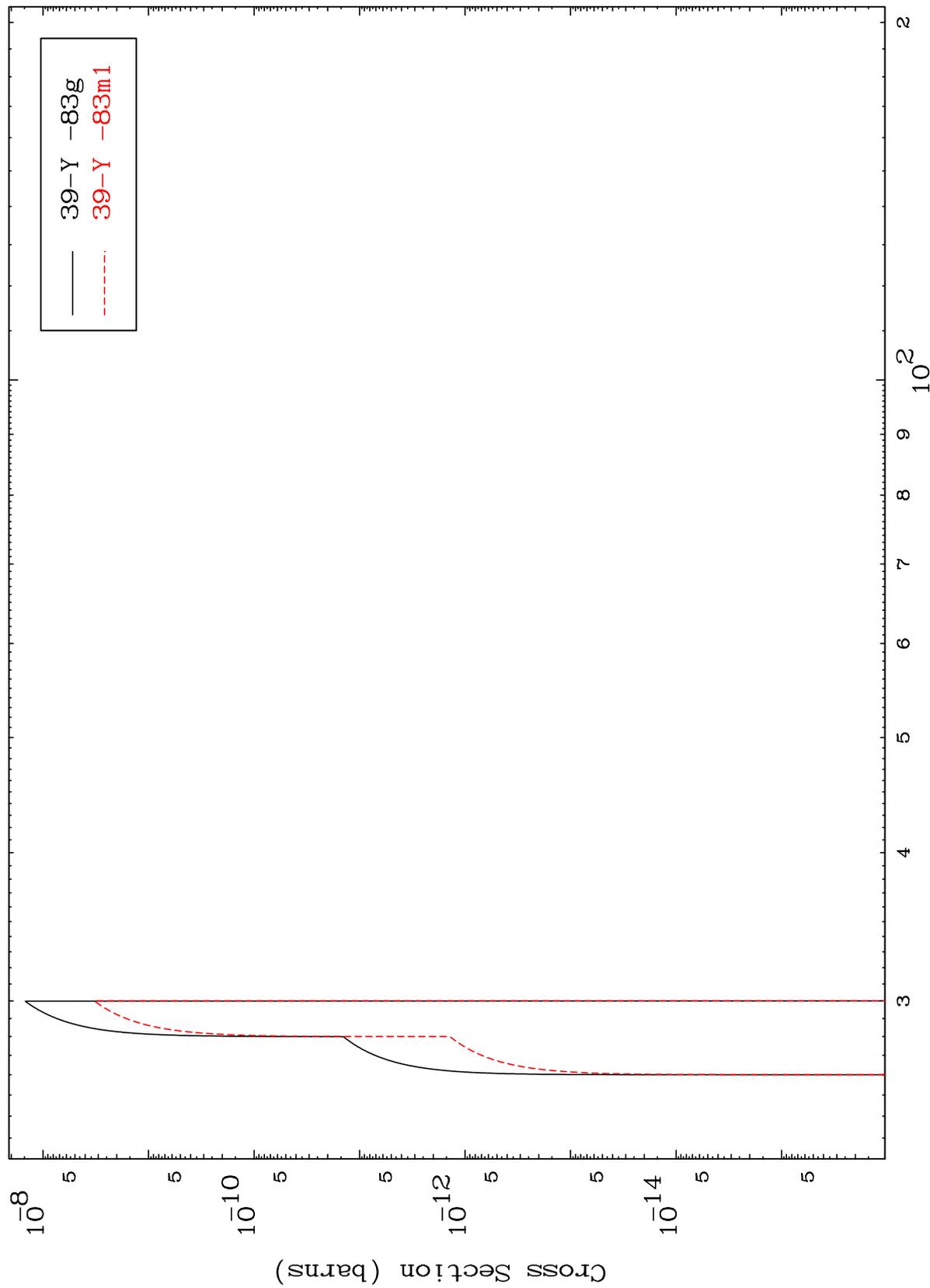
39-Y -85

MAT 3914

$(\alpha, 2n)$ α

39-Y -85

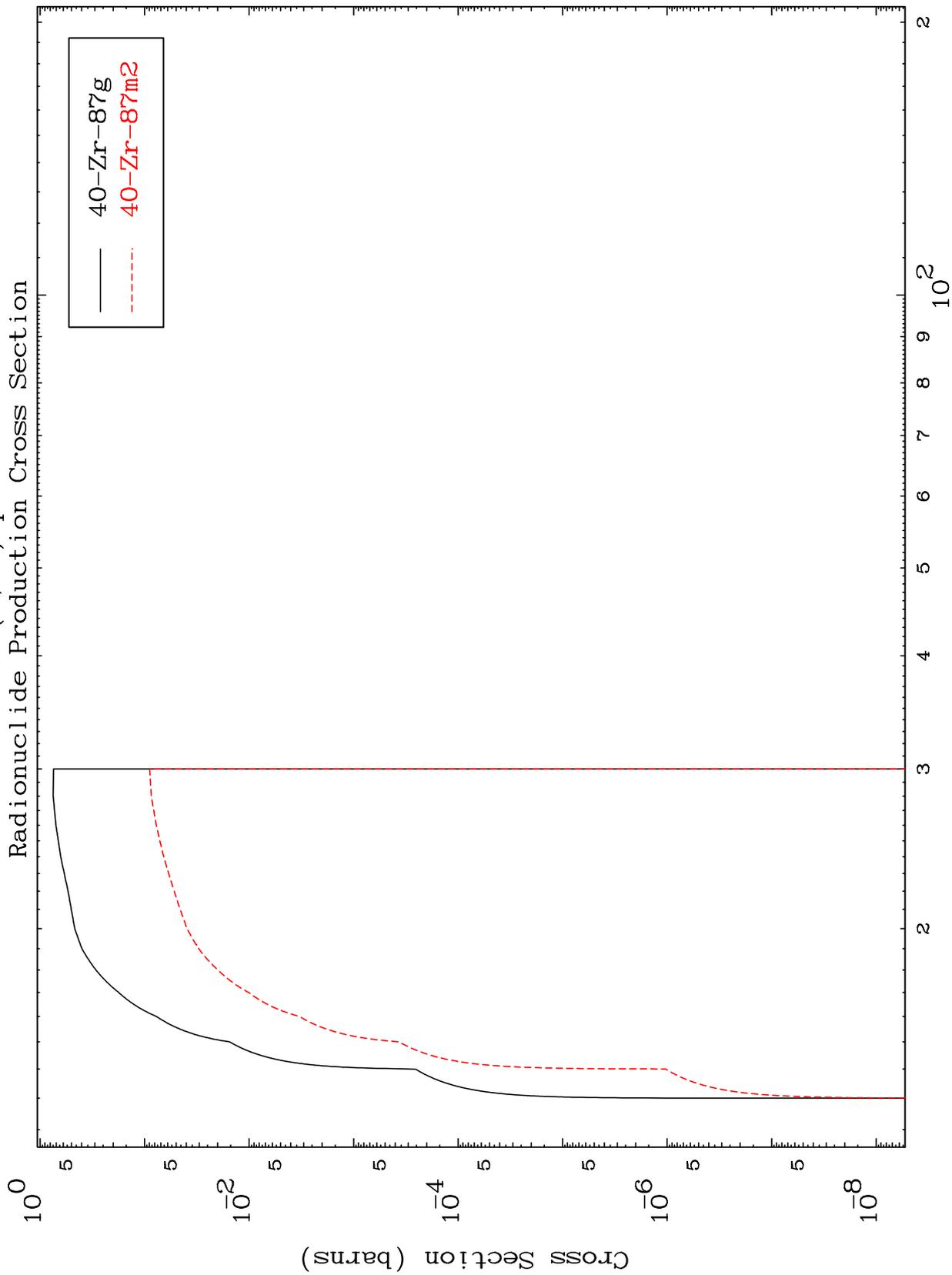
Radionuclide Production Cross Section



14

Incident Energy (MeV)

39-Y -85

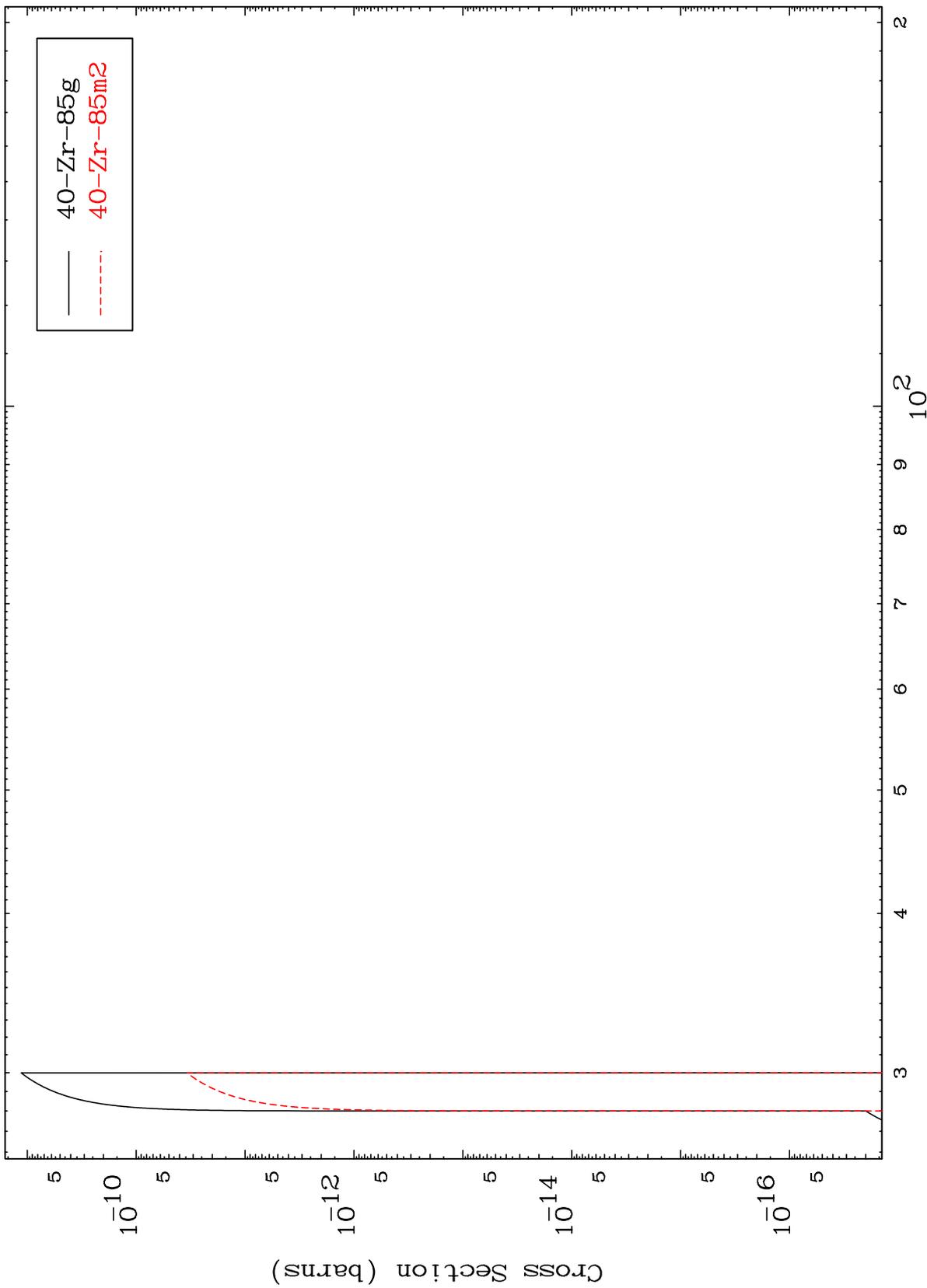


MAT 3914

(α, n') t

39-Y -85

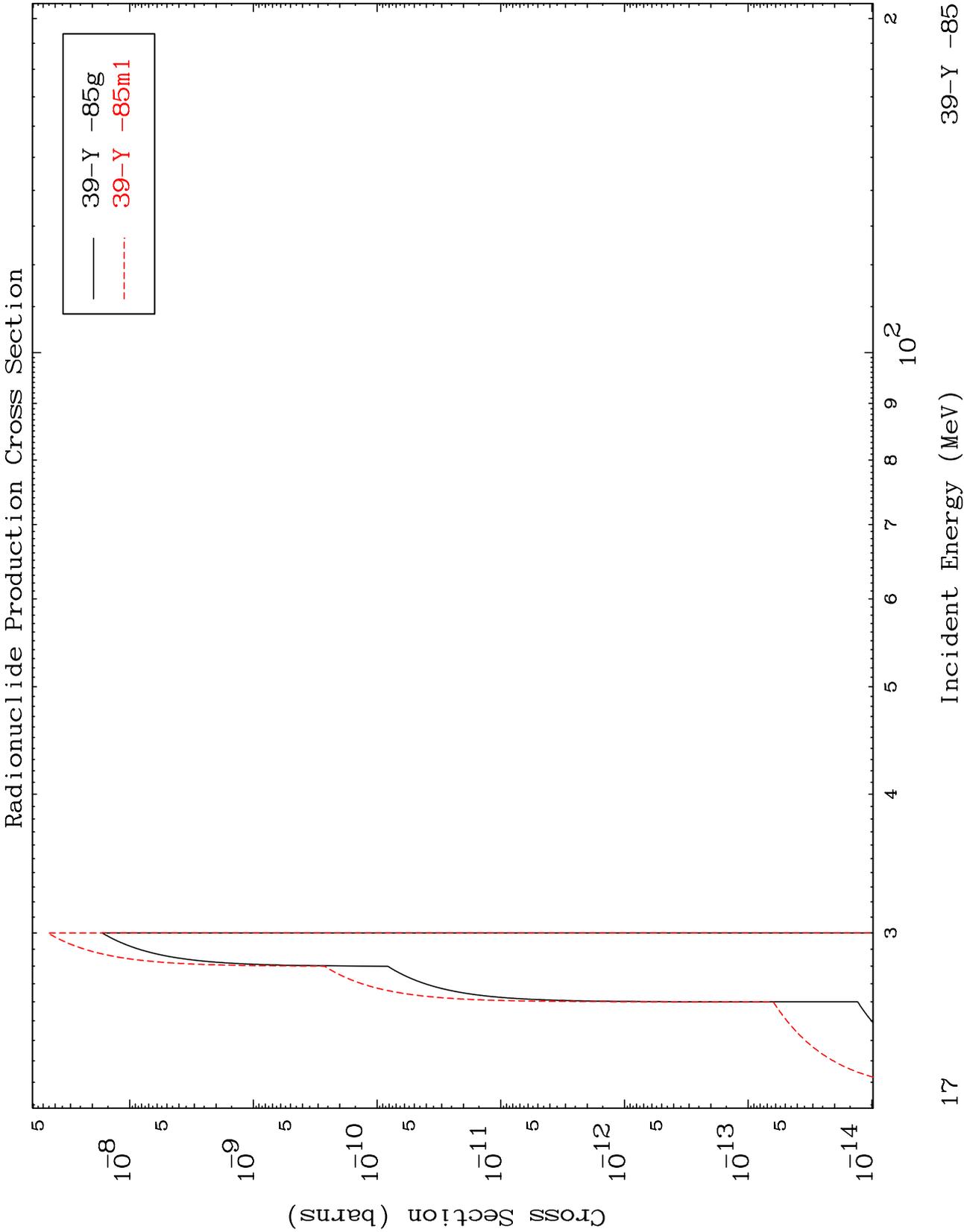
Radionuclide Production Cross Section



16

Incident Energy (MeV)

39-Y -85

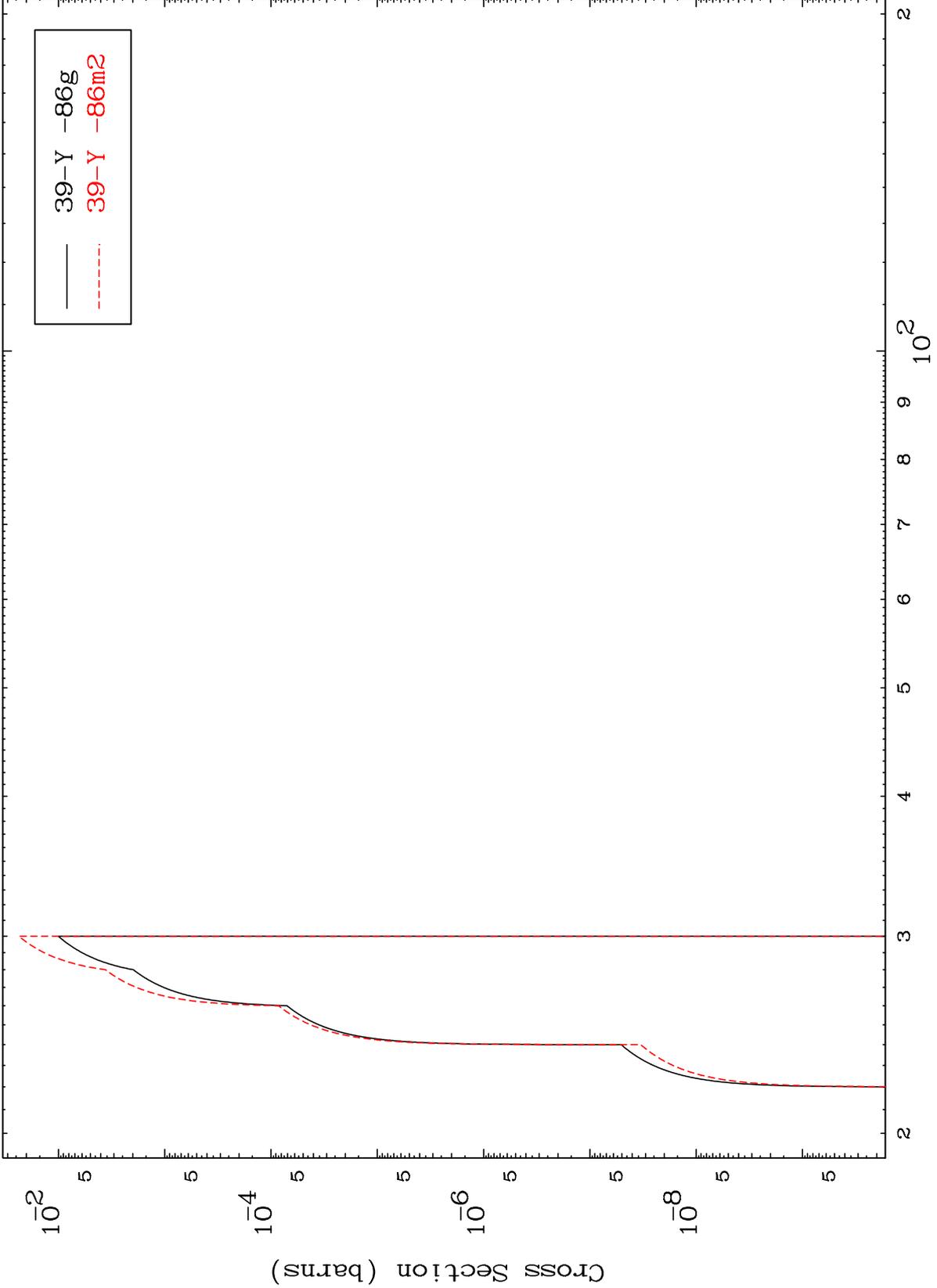


MAT 3914

($\alpha, 2n$) p

39-Y -85

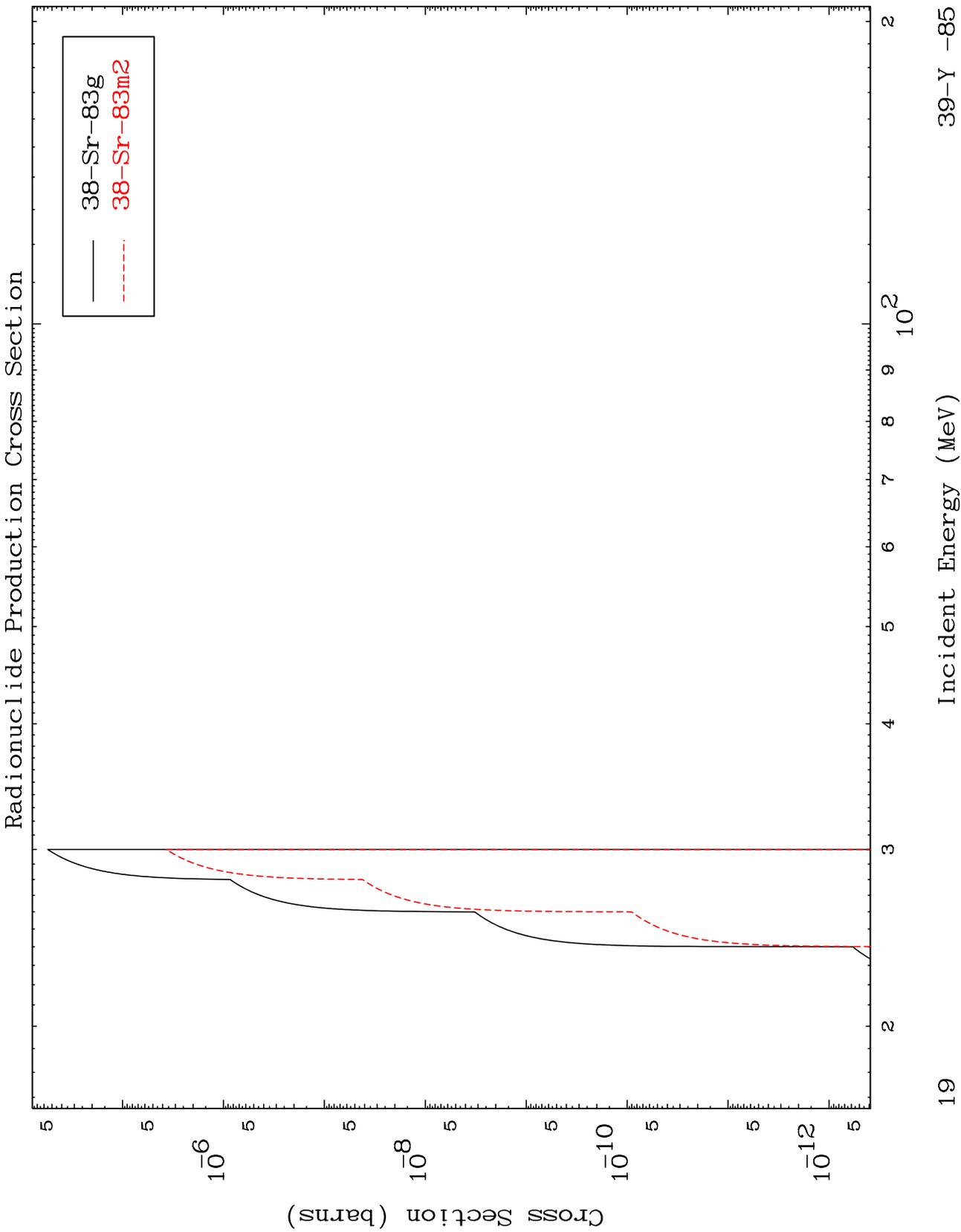
Radionuclide Production Cross Section



18

Incident Energy (MeV)

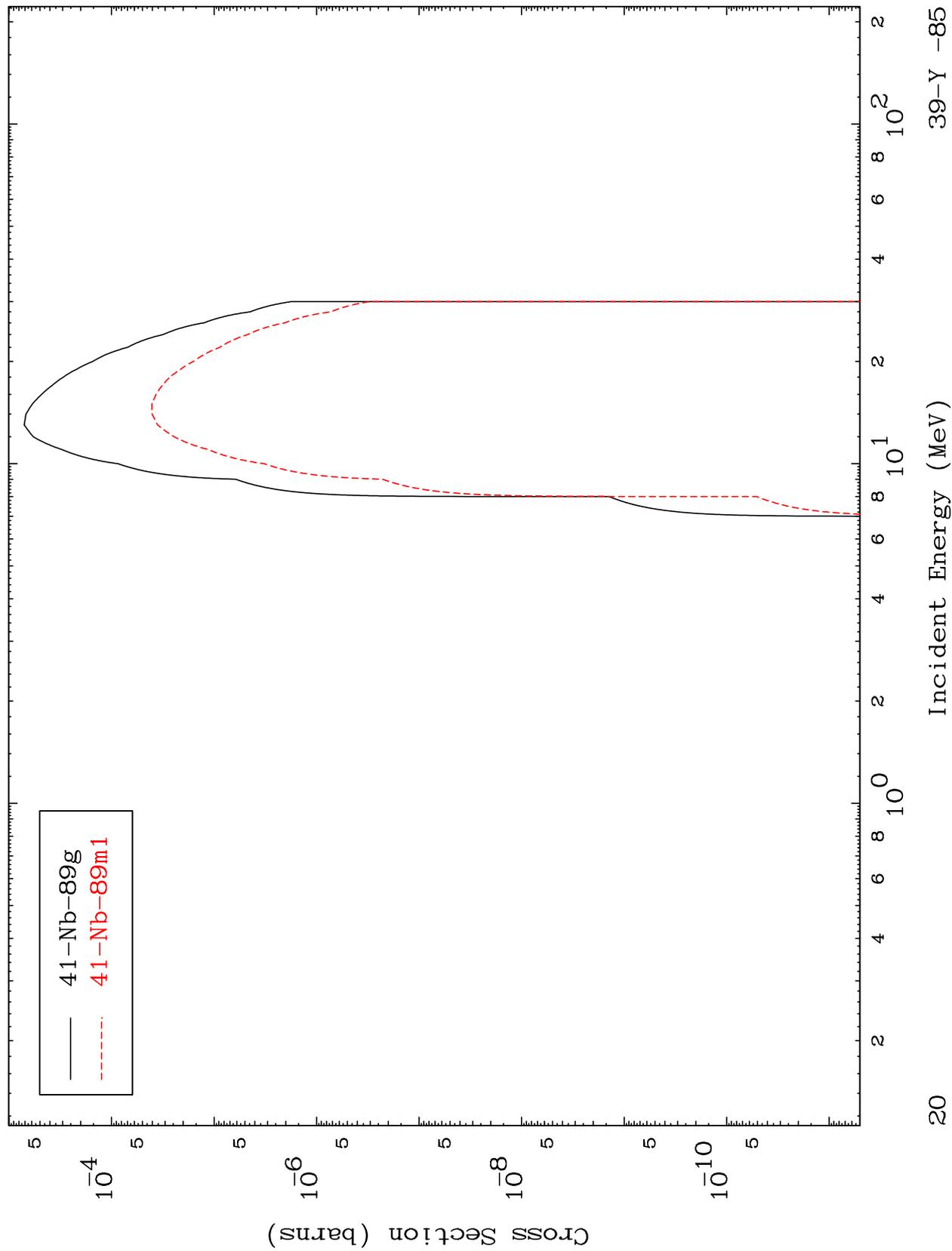
39-Y -85



MAT 3914

39-Y -85

Radionuclide Production Cross Section
(α, γ)



— 41-Nb-89g
- - - 41-Nb-89m1

20

Incident Energy (MeV)

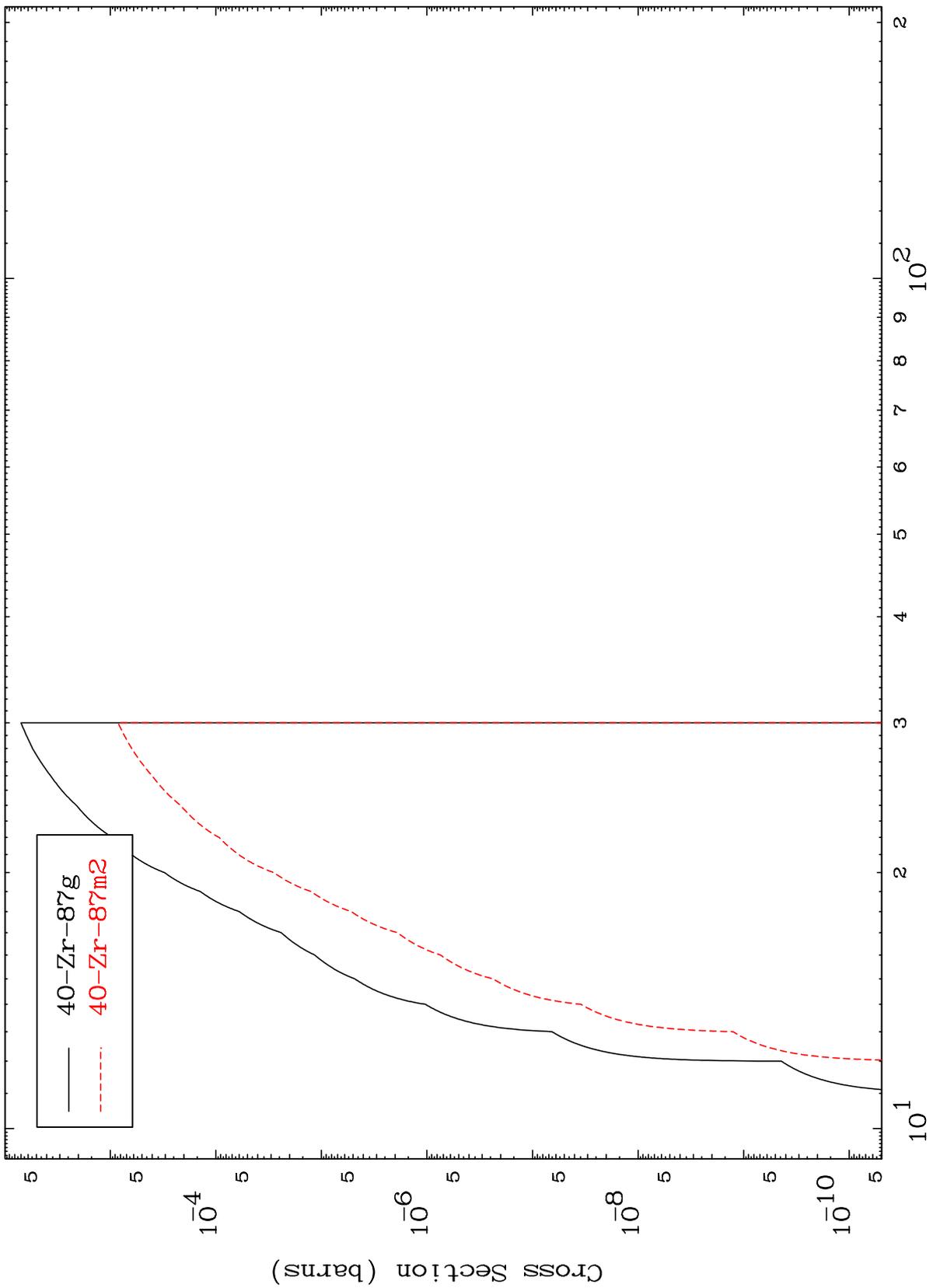
39-Y -85

MAT 3914

(α, d)

39-Y -85

Radionuclide Production Cross Section



21

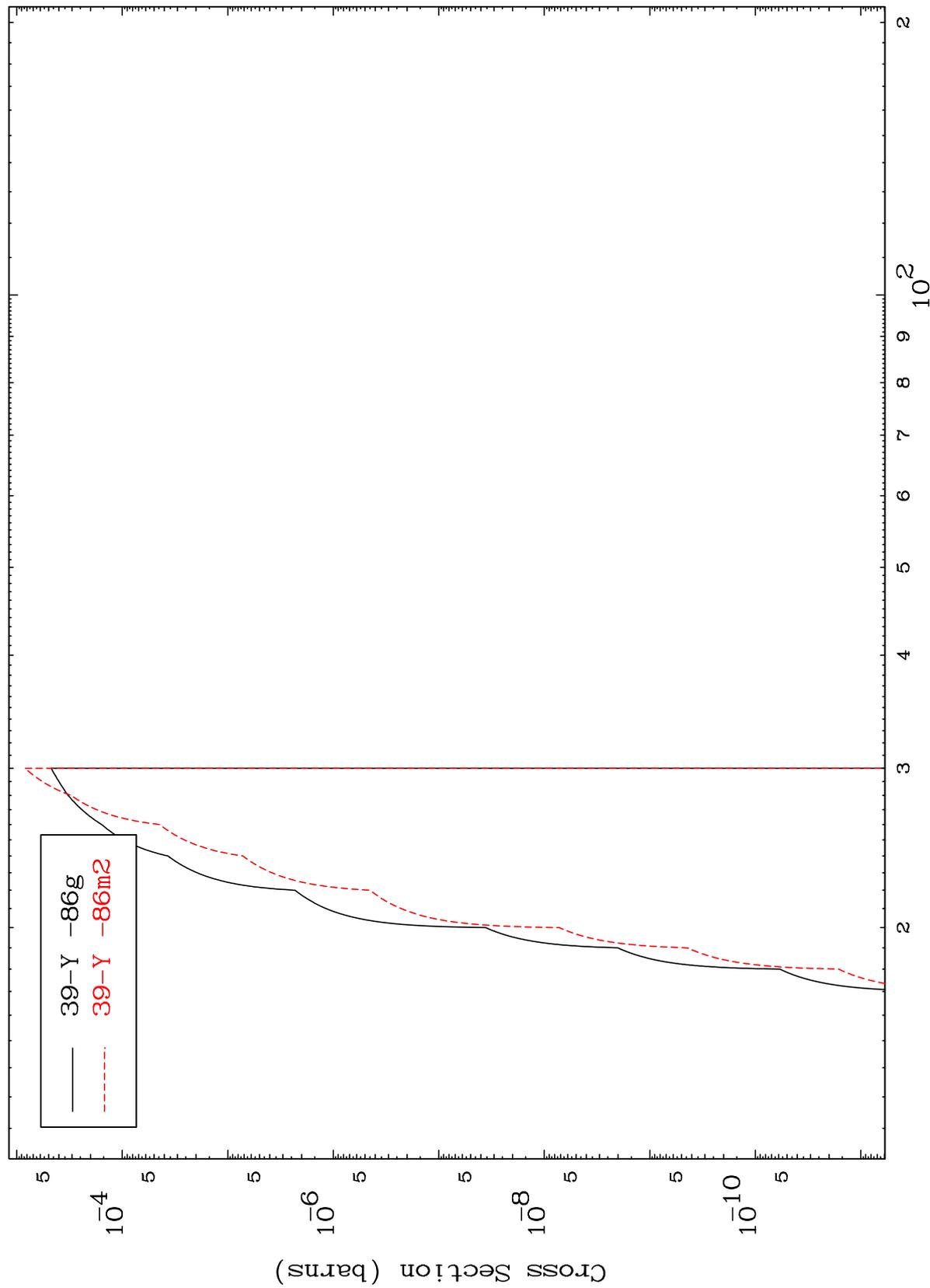
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

Radionuclide Production Cross Section
($\alpha, \text{He-3}$)



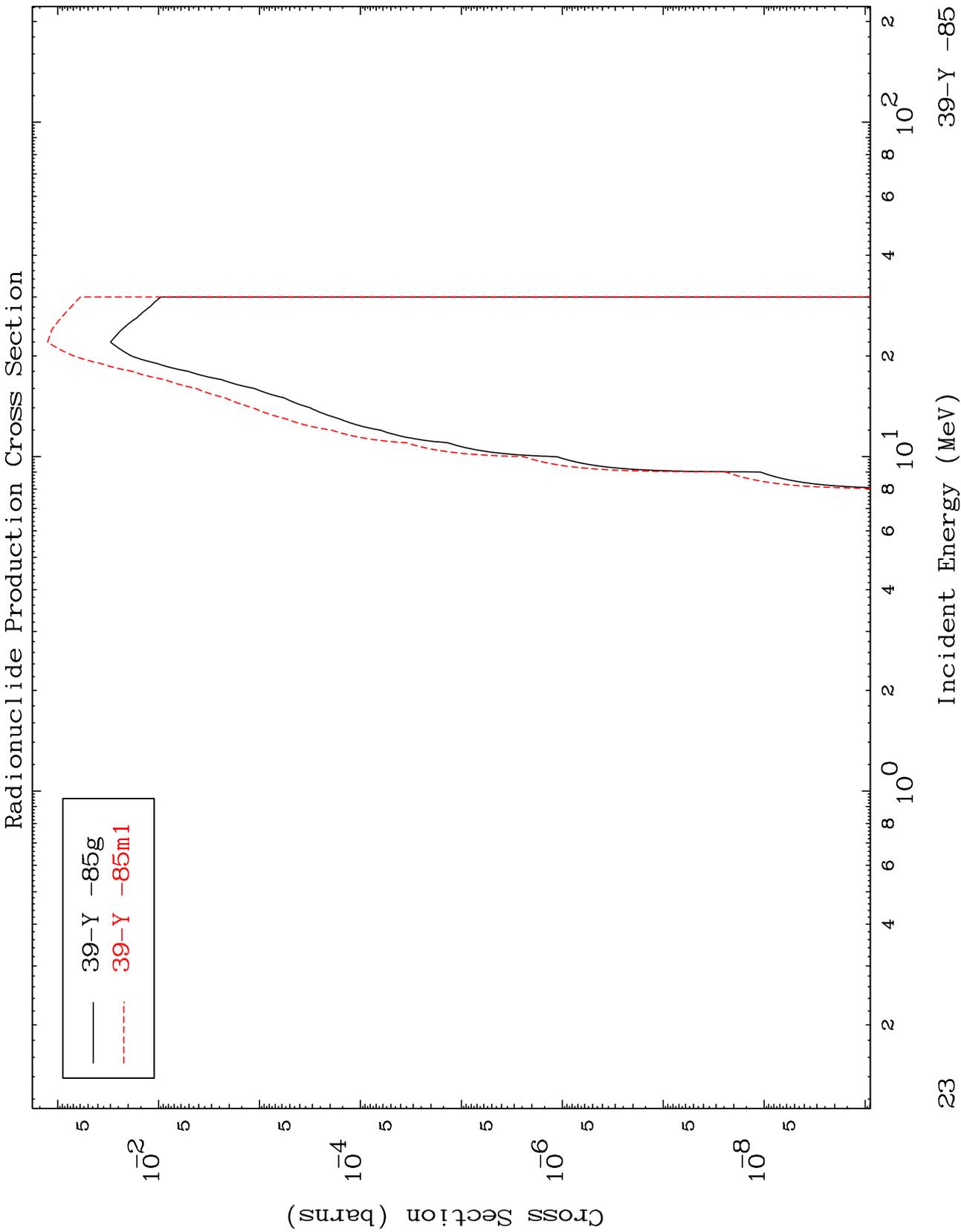
Incident Energy (MeV)

39-Y -85

22

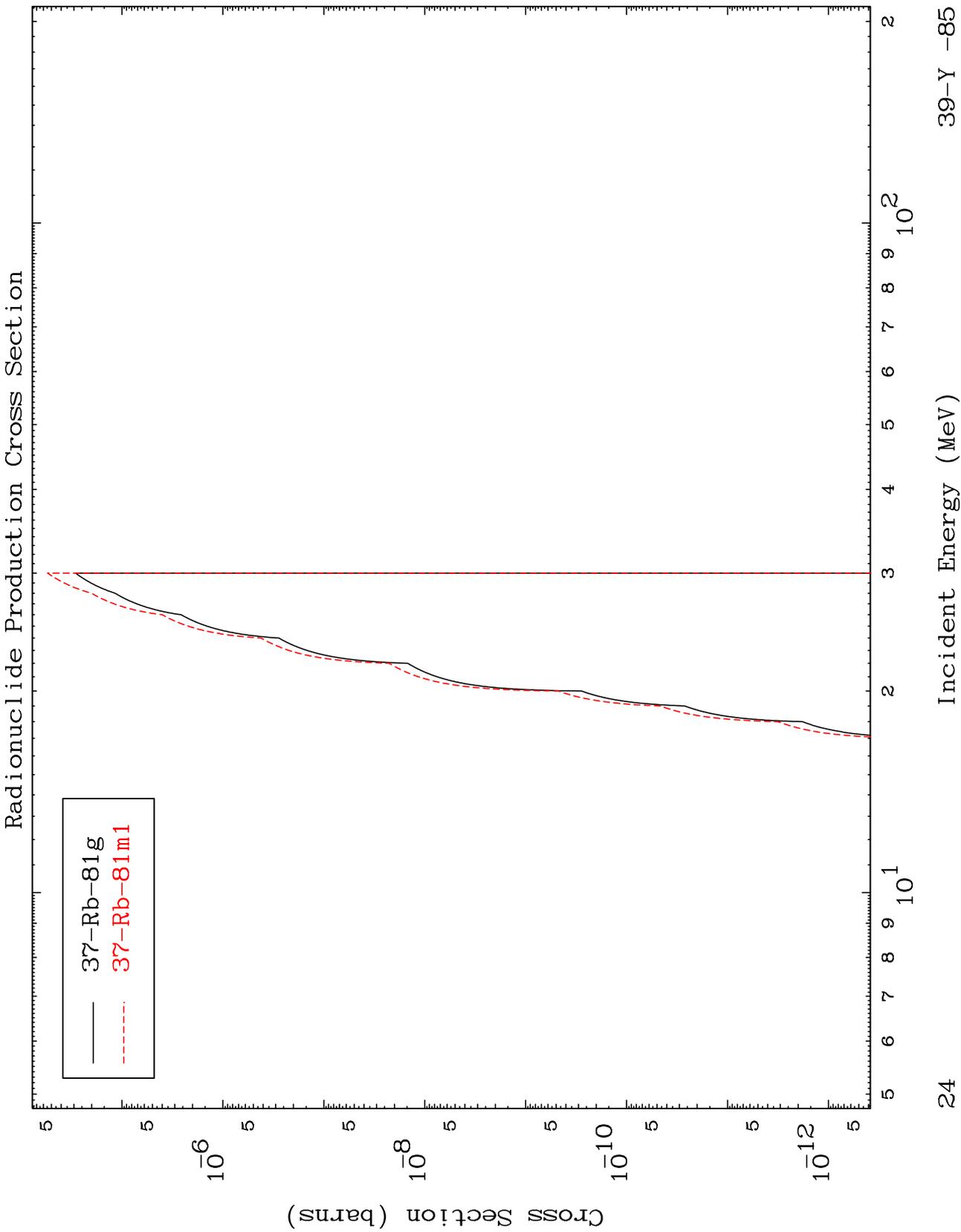
MAT 3914

39-Y -85



MAT 3914

39-Y -85



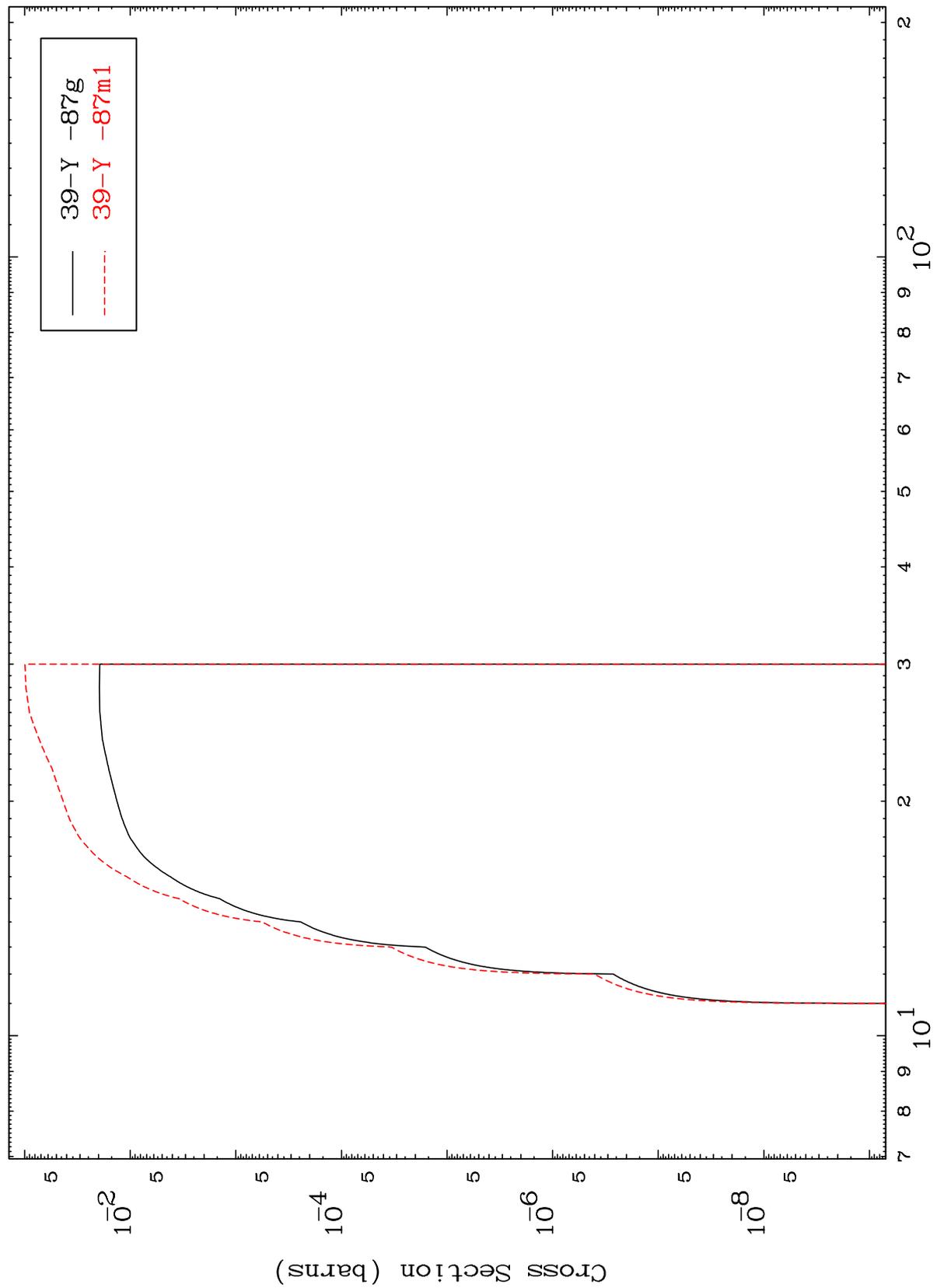
24

39-Y -85

MAT 3914

39-Y -85

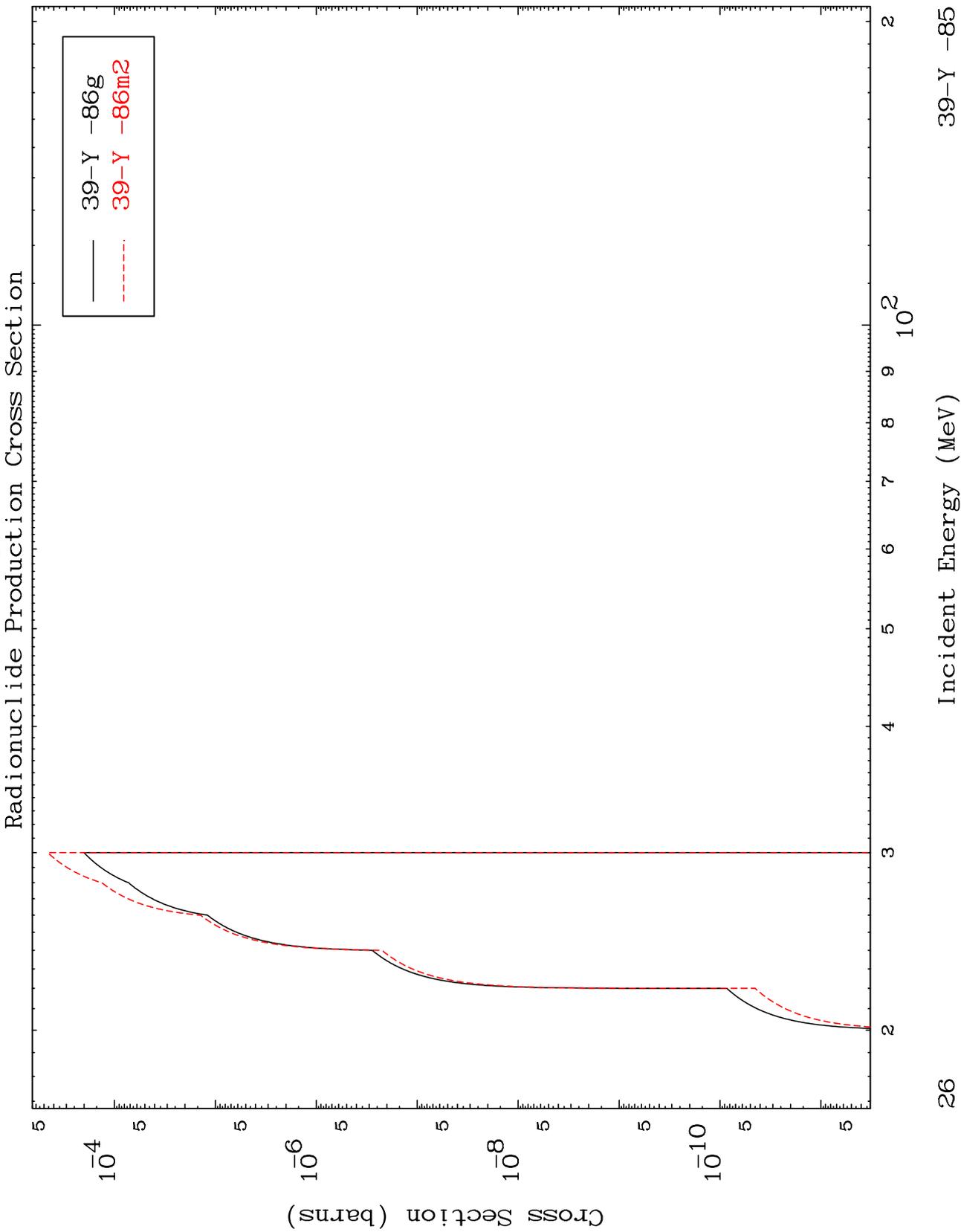
($\alpha, 2p$)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -85

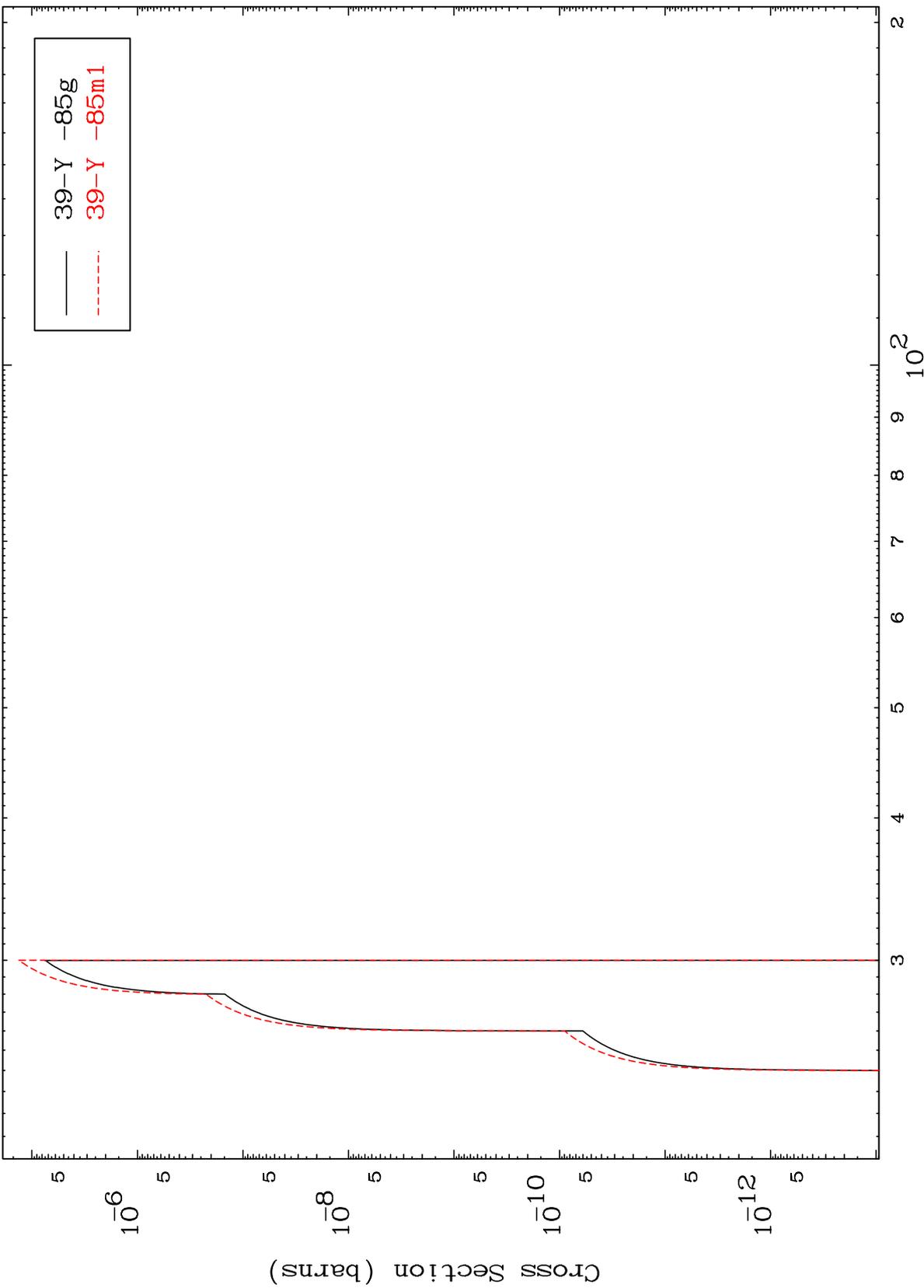


MAT 3914

(α, p) t

39-Y -85

Radionuclide Production Cross Section



39-Y -85g
39-Y -85m1

27

Incident Energy (MeV)

39-Y -85

